

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/30483

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/517; A01N 43/54; C07D 239/72; 487/00; 401/00; 403/00; 413/00; 417/00.
US CL : 514/266.2, 266.22, 266.24, 266.3, 266.31, 267; 544/252, 284, 285, 287.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 514/266.2, 266.22, 266.24, 266.3, 266.31, 267; 544/252, 284, 285, 287.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAPLUS, EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — A	US 5,155,110 (CONNOR et al) 13 October 1992 (13.10.1992), especially columns 29-30, compounds in Examples 44 & 45.	1-4 and 7-22 — 5 and 6
— — —	— — —	— — —
X — A	DE 2,120,663 (HISAMITSU PHARMACEUTICAL, CO., INC.) 11 November 1971 (11.11.1971), especially quinazoline compounds on page 12.	1-5, 18 and 19 — 6-17 and 20-22
— — —	— — —	— — —
X — A	OZAKI, K. I. et. al., Studies on 4(1H)-Quinazolinones. I. A Convenient Synthesis and Some Reactions of 1-Phenyl-2-substituted-4(1H)-quinazolinones. Chemical & Pharmaceutical Bulletin. March 1980, Vol. 28, No. 3, pages 702-707, especially page 703, compounds 3a and 3e; also page 705, compound 10.	1-5, 18 and 19 — 6-17 and 20-22



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

21 January 2005 (21.01.2005)

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Date of mailing of the international search report

28 FEB 2005

Authorized officer

James O Wilson

Telephone No. 571-272-0661